

JAPANESE PATENT OFFICE -- Patent Abstracts of Japan

Publication Number: 02284124 A

Date of Publication: 1990.11.21

Int. Class: G02F 1/167

Date of Filing: 1989.04.26

Applicant: NIPPON MEKTRON LTD

Inventor: OSHIRO TATSUHIKO

TOYAMA JIRO

AKATSUKA TAKATOSHI

TADAKUMA AKIRA

MORI TAKASHI

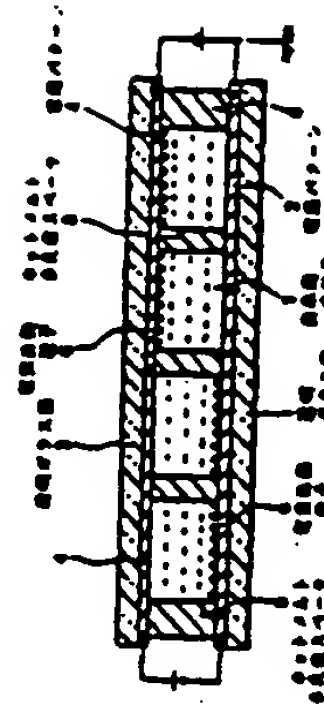
ELECTROPHORETIC DISPLAY DEVICE

AND PRODUCTION THEREOF

Abstract

PURPOSE: To avert the heating of a dispersion system liquid and to easily and surely inject the dispersion system into the respective pores of spacers by using the porous spacers which can be joined to electrode plates by an induction heating.

CONSTITUTION: The porous spacers 8 are provided between the electrode plates 2 and 4 disposed to face each other and the dispersion system 7 dispersed with electrophoresis particles 6 is divided to discontinuous phases and is sealed therebetween. The porous spacers 8 are selectively joined by using a hot-melt adhesive agent, such as polyamide resin, which can be adhered by the induction heating or the porous spacers 8 are formed on the electrode plate 2 or 4 by using the hot-melt adhesive agent and the spacers 8 are selectively joined thereto by the induction heating at the time of joining the porous spacers to the electrode plate 2 or 4. The sure sealing of the dispersion system into the respective pores of the porous spacers in a stable state is possible in this way without generating holes even with the dispersion system contg. a solvent of a low b. p.



COPYRIGHT: (C)1990,JPO & Japio